

## 32-4070: Recombinant Human Cytokeratin 14 His Tag

**Alternative Name :** Keratin,type I cytoskeletal 14,Cytokeratin-14,CK-14,Keratin-14,K14,KRT14,NFJ,CK14,EBS3,EBS4.

### Description

Source : Escherichia Coli. KRT14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 492 amino acids (1-472 a.a.) and having a molecular mass of 53.8kDa.KRT14 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cytokeratin 14 is a member of the keratin family, the most diverse group of intermediate filaments. Cytokeratin 14 is a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	KRT14 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MTTCSRQFTS SSSMKGSCGI GGGIGGGSSR ISSVLAGGSC RAPSTYGGGL SVSSSRFSSG GAYGLGGGYG GGFSSSSSF GSGFGGGYGG GLGTGLGGGF GGGFAGGDGL LVGSEKVTMQ NLNDRLASYL DKVRALEEAN ADLEVKIRDW YQRQRPAEIKDYSPLYFKTIE DLRNKILTAT VDNANVLLQI DNARLAADD FRTKYETELNL RMSVEADING LRRVLDELTL ARADLEMQIE SLKEELAYLK KNHEEEMNAL RGQVGGDVNV EMDAAPGVDL SRILNEMRDQ YEKMAEKNRK DAEEWFFTKT EELNREVATN SELVQSGKSE ISELRRMQNLEIELQSLS MKASLENSLE ETKGRYCMQL AQIQEMIGSV EEQLAQLRCE MEQQNQEYKI LLDVKTRLEQ EIATYRRLLE GEDAHLSSSQ FSSGSQSSRD VTSSSRQIRT KVMDVHDGKV VSTHEQVLRT KN.